

1. COMPONENT ANG		FY 2011 MILITARY CONSTRUCTION PROJECT DATA (computer generated)		2. DATE FEB 12, 2009	
3. INSTALLATION AND LOCATION ATLANTIC CITY INTERNATIONAL AIRPORT, NEW JERSEY			4. PROJECT TITLE DINING HALL AND SERVICES FACILITY		
5. PROGRAM ELEMENT 52276F	6. CATEGORY CODE 722-351	7. PROJECT NUMBER AQRC069222		8. PROJECT COST(\$000) \$8,400	
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
DINING HALL AND SERVICES AREA	SF	22,000		5,972	
DINING HALL AREA/KITCHEN AREA	SF	10,300	289	(2,977)	
SERVICES TRAINING AREA	SF	5,600	235	(1,316)	
HONOR GUARD TRAINING AREA	SF	3,500	235	(822)	
PHYSICAL FITNESS AREA	SF	2,600	235	(611)	
ANTITERRORISM/FORCE PROTECTION	SF	22,000	3	(66)	
SDD&EPACT (3%FOR LEED CERT/ENERGY CONSERV)	LS			(180)	
SUPPORTING FACILITIES	LS			1,580	
UTILITIES	LS			(630)	
PAVEMENTS	LS			(355)	
SITE IMPROVEMENTS	LS			(120)	
COMMUNICATIONS SUPPORT	LS			(85)	
KITCHEN EQUIPMENT	LS			(300)	
FIRE PROTECTION SUPPORT	LS			(90)	
SUBTOTAL				7,552	
CONTINGENCY (5%)				378	
TOTAL CONTRACT COST				7,930	
SUPERVISION, INSPECTION AND OVERHEAD (6%)				476	
TOTAL REQUEST				8,406	
TOTAL REQUEST (ROUNDED)				8,400	
10. Description of Proposed Construction: Reinforced concrete foundation and floor slab with steel-framed masonry walls and standing seam metal roof structure. Includes all utilities, pavements, site improvements, fire protection, communications support, kitchen equipment which are real property, and landscape. Air Conditioning: 100 Tons.					
11. REQUIREMENT: 22,000 SF ADEQUATE: 0 SF SUBSTANDARD: 10,000 SF <u>PROJECT:</u> Construct Dining Hall and Services Facility (Current Mission). <u>REQUIREMENT:</u> The 177th Fighter Wing is assigned 18-PAA F-16 aircraft, and requires a properly sized and adequately configured facility to provide services and generate training and operational Air Sovereignty Alert sorties. Functional areas include: Dining Hall, space for Services training, a Services mobility storage area, an area for physical fitness, and training and storage space for the Honor Guard. <u>CURRENT SITUATION:</u> The dining hall, services training area and the squadron operations are colocated in an undersized and poorly configured building complex. The building cannot be expanded at its current site due to airfield and antiterrorism force protection criteria. The munitions safety arc from the ramp area precludes the expansion of the complex. The only available option is to relocate the Dining Hall functions and allow the Squadron Ops users to relocate into the vacated space. Other Services functions are operating out of several dispersed and intermingled facilities at smaller than their full authorized space. <u>IMPACT IF NOT PROVIDED:</u> Continued violation of the munitions quantity distance safety setback with functions related to administration, training, and medical training for functions operating too close to aircraft. Personnel unrelated to the operational mission will continue to be at risk. Degraded operational and training effectiveness due to a lack of functional space and non-consolidated					

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<p>operational training functions. Adverse impacts on readiness. Current Department of Defense Construction Standard pertaining to Antiterrorism/Force Protection standards regarding parking lot setbacks will continue to hamper public access to existing facilities.</p> <p>ADDITIONAL: This project meets the criteria/scope specified in the ANG 32-1084, "Facility Requirements" and is in compliance with the base master plan. Antiterrorism/Force Protection requirements have been considered in the development of this project. There is minimal threat and the level of protection is low so minimum construction standards have been applied. All known alternatives/options were considered during the development of this project. No other option could meet the mission requirements; therefore, no economic analysis was needed or performed. Space being vacated in buildings 137 (371 SM), 400 (2,628 SM) and 440 (56 SM) will be renovated under separate SRM projects for other functional area requirements (squadron operations and avionics). This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air National Guard requirements. Project will incorporate Leadership in Energy and Environmental Design (LEED) and sustainable development concepts, so as to achieve optimum resource efficiency, constructability, sustainability, and energy conservation, while minimizing adverse impacts to the built and natural environments through all phases of its life cycle. This may result in primary facility costs exceeding DoD costing standards, but the initial investment in higher acquisition cost will be rewarded with lower life cycle costs. This is consistent with the requirements of the Energy Policy Act of 2005 (EPAct05) and Executive Order 13423.</p>											
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